

I CLAIM AS MY INVENTION:

1. A multi-electrode catheter comprising:

a longitudinally extending body adapted for insertion in a subject, said body

having a caudal section ^{and} ~~of~~ a cephalad section and a plurality of lumens

formed therein proceeding between said caudal section and said cephalad section, each of said lumens having an internal wall;

a plurality of electrode assemblies respectively including a plurality of electrodes located at an external surface of the caudal section of the body; and

at least some of said lumens having an electrically conductive surface formed on the internal wall thereof respectively electrically connected to different ones of said electrodes.

2003-08-25

